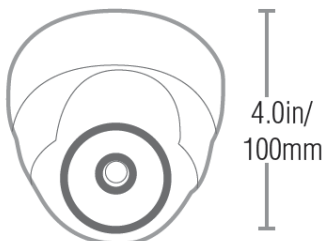
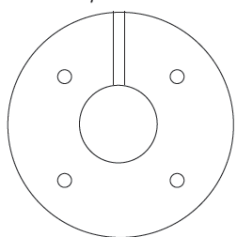


## 4. Camera Specifications

### Specifications:

Image Sensor	1/3" Hi-Res Color CCD
Format / # Pixels	NTSC: 768(H) x 494 (V)
Horizontal Resolution	480 TV Lines
Scan System	2:1 Interlace
Sync. System	Internal
S/N Ratio	More than 48dB
Iris	AES
AES ShutterSpeed	1/60 ~ 1/10,000 sec.
Minimum Illumination	0.1LUX (w/o LED) 0 LUX (w/LED)
IR Range	Up to 60ft. (18.3m);14 LEDs
Video Output	Comp. 1.0 Vpp @ 75ohm
Lens	4~9mm F1.6 / Varifocal
FOV (Diagonal)	35~70 Degrees
Termination	Video: BNC Female Power: Barrel Female
Power Requirement	12V DC
Power Consumption	Max 300 mA @ DC 12V
Operating Temp	14°F ~ 113°F (-10°C ~ 45°C)
Dimension	DIA: 4.8" (120mm) H: 4.0" (100mm)
Weight	1.9 lb. / 880g

4.8in/120mm



## It's all on the web

- Product Information
- User Manuals
- Quick Start Guides
- Specification Sheets
- Software Upgrades
- Firmware Upgrades



VISIT  
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**VANDAL RESISTANT  
WEATHERPROOF  
VARIFOCAL DAY/NIGHT  
IR DOME CAMERA**

**Model: VQ1636HR**



**Quick Set-up Guide**



## 1. Package Contents



1 x Weatherproof Color Day/Night Varifocal IR Dome Camera (with mounting hardware)



1 x Hex Tool for Dome Cover  
1 x AC Power Adapter



1 x 60 ft. extension cable  
1 x BNC to RCA Adaptor

**WARNING** - REGULATED 12V DC 500mA power supply is REQUIRED for use with this camera. Use of a non-regulated, non-conforming power supply can damage this product and will void the warranty.

## Features:

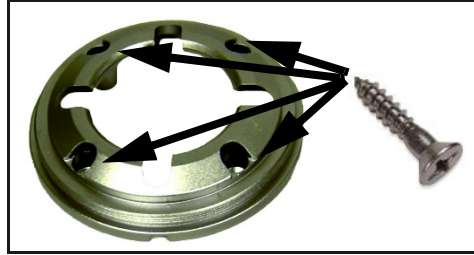
- True High Resolution: 1/3" CCD advanced image sensor produces video with 480 TV Lines and 380K pixels
- Varifocal 4-9mm lens for maximum viewing flexibility
- External zoom and focus adjustments make setup easy
- Advanced Day / Night mode: Picture automatically switches camera to B&W delivering better clarity in low light conditions
- 14 IR LEDs provides effective night vision range of 60 ft. (18.3m) \*
- Ceiling or Wall Mountable
- Vandal Resistant Dome Can Withstand Impact from 10lb Sledge Hammer
- Weatherproof Design: Ideal for outdoor and indoor applications (IP67) \*\*

\* IR Illumination range of 60ft. (18.3m) under ideal conditions. Objects at or beyond this range may be partially or completely obscured, depending on the camera application.

\*\* Not recommended for submersion in water

## 2. Installing the Camera

1. Mount the Camera Base to the Ceiling or Wall using the provided screws.



You may need to remove the Dome Cover, Dome Ring and Ball Camera from the Camera Base by loosening the tightening screws with the provided Hex Tool, located on the Dome Ring.

2. Position the camera to the desired direction and angle.
3. Position the Dome Cover over the Ball Camera. Screw the Dome Ring on, and tighten the screw using the provided Hex Tool



4. Connect the BNC end of the Camera Cable to the DVR or to a Monitor.
5. Connect the BNC end of the Camera Cable to the Extension Cable. Connect the extension cable to an Observation System, DVR or to a Monitor.

## 3. Connecting the Camera

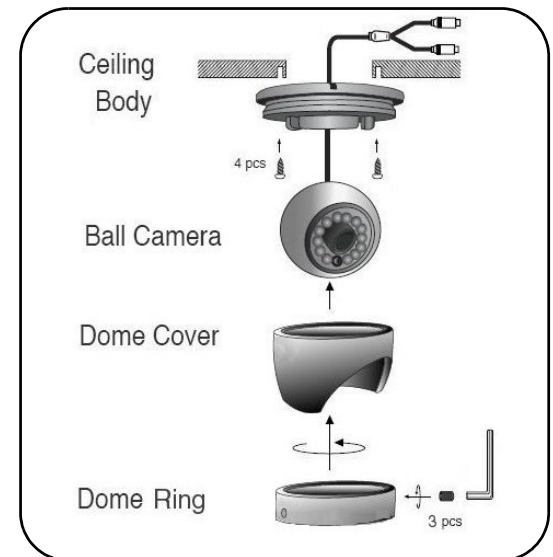
5. Connect the Power end of the Camera Cable to the Extension Cable. Connect the extension cable to an AC Adapter. Plug the adapter into a wall outlet.



6. Adjust the Zoom and Focus control screws on the side of the camera using a screw driver.



## Setup Diagram:



**NOTE:** Test the camera prior to selecting a permanent mounting location by temporarily connecting the Cameras and cables to the system or DVR.